

Claims

- [c1] 1. A Stereographic (3D) Viewer for viewing stereo (three dimensional) images placed outside the boundaries of the viewer, comprising; a collapsible and erectable viewing chamber, a viewing panel having a pair of lenses, an aperture panel having a pair of apertures, and a septum set into the aperture panel; where light rays from the left hand image are directed to the left eye and light rays from the right hand image are directed to the right eye; to create the effect of a single, merged stereo image.
- [c2] 2. The septum of claim 1, wherein the separation of light rays from left and right hand images is achieved by a mask set into the aperture panel, filling the space between the two apertures.
- [c3] 3. The septum of claim 1 wherein the placement of the mask on the same surface as the picture frame allows the viewing chamber to be completely collapsed, with there being no additional pieces of masking material left between the front and rear panels.
- [c4] 4. A collapsible and erectable viewing chamber for a stereographic viewer comprising: front, rear, top and

bottom planar walls which are contiguously joined; left and right walls joined to the front and rear walls but not joined to the top and bottom walls; toggle tabs joined to the left and right edges of the top and bottom panels.

[c5] 5. The top and bottom planar walls in claim 4 wherein the edges of the front, rear, top and bottom planar walls are each folded on an arc to form a concave framing panel and lens panel when the viewing chamber is erected.

[c6] 6. The top and bottom planar walls in claim 4 wherein the edges overhanging the left and right walls are folded on an arc and fitted with toggle tabs which act as locks to lock the viewing chamber in its erected position.

[c7] 7. The toggle tabs of claim 4 wherein the tabs folded over the left and right side walls form a seal that prevents stray light from entering the viewing chamber.

[c8] 8. The toggle tabs of claim 4 wherein the tabs can be fully flattened when the viewer is in its collapsed state, but wherein the arc of the fold acts as a buckled panel which has the natural tendency of holding the tabs in their folded position when the viewer is in its erected state.